

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: TING LI et al.

Serial No. 10/676,953

Filed: September 30, 2003

Title: LIGHT EMITTING DIODES WITH POROUS SIC SUBSTRATE AND METHOD

FOR FABRICATING

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(b)

Sir:

Pursuant to 37 C.F.R.§§ 1.56 and 1.97(b), applicants bring to the attention of the Examiner the documents listed on the attached Form PTO-1449. This Information Disclosure Statement is being filed within three months of the filing of the above referenced application or before the mailing date of a first Office Action on the merits for the above-referenced application.

In accordance with the PTO procedure, (all patent applications filed after June 30, 2003), we have not enclosed the U.S. patent references cited on PTO form 1449.

Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration of relevant portions thereof by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art". If the Examiner applies any of the documents as prior art

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

3/02/04

Marianne Middleton

Docket No. P0284US-7

against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Respectfully submitted,

Dated: 2/2/04

Jaye G. Heybl

Registration No. 42,661

Attorney for Applicant

KOPPEL, JACOBS, PATRICK & HEYBL 555 St. Charles Drive, Suite 107 Thousand Oaks, California 91360 (805) 373-0060 M/J4-P0284US-7IDS-1.97(b).doc

FORM PTO-1449 (Modified)

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket No. P0284US-7	Application Number 10/676,953
Applicant TING LI et al.	
Filing Date September 30, 2003	Group Art Unit

U.S. PATENT DOCUMENTS

Examiner Initial	Docu	ment	Numbe	r		_		Date	Name	Class	Subclass	Filing Date If Appropriate
	RE	3	4	8	6	1		02/1995	DAVIS et al.	437	100	
	4	9	4	6	5	4	7	08/1990	PALMOUR et al.	156	643	
	5	2	0	0	0	2	2	04/1993	KONG et al.	156	612	
				ļ								
								ļ	1			
												-

FOREIGN PATENT DOCUMENTS

	Document Number							Date	Country	Class	Subclass	Translation	
·												Yes	No
									ļ				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	APPLIED PHYSICS LETTERS, VOL. 79, NUMBER 15, OCT. 8, 2001, P. 2315-2317 "IMPACT OF TEXTURE-ENHANCED TRANSMISSION ON HIGH-EFFICIENCY SURFACE-TEXTURED LIGHT-EMITTING DIODES", WINDISCH et al.
2	APPLIED PHYSICS LETTERS, VOL.63, NO. 16, OCT. 18, 1993, P. 2174-2176, "30% EXTERNAL QUANTUM EFFICIENCY FROM SURFACE TEXTURED, THIN-FILM LIGHT-EMITTING DIODES", SCHNITZER et al.
3	IEEE JOURNAL ON SELECTED TOPICS IN QUANTUM ELECTRONICS, VOL 8, NO. 2, MARCH/APRIL 2002, P. 248-255, "LIGHT-EXTRACTION MECHANISMS IN HIGH-EFFICIENCY SURFACE-TEXTURED LIGHT-EMITTING DIODES" WINDISCH et al.
4	IEEE JOURNAL ON SELECTED TOPICS IN QUANTUM ELECTRONICS, VOL. 8, NO. 2, MARCH/APRIL 2002, P. 321-332, "HIGH BRIGHTNESS AlGAINP LIGHT-EMITTING DIODES", STREUBEL et al.
5	IEEE TRANSACTIONS ON ELECTRON DEVICES, VOL 47, NO. 7, JULY/2000, p. 1492-1498 "40% EFFICIENT THIN- FILM SURFACE-TEXTURED LIGHT-EMITTING DIODES BY OPTIMIZATION OF NATURAL LITHOGRAPHY", WINDISCH et al.
6	SPIE VOL 3938 (2000), LIGHT-EMITTING DIODES, MANUFACTURING, AND APPLICATIONS IV, INVITED PAPER, "NON-RESONANT CAVITY LIGHT-EMITTING DIODES", WINDISCH et al., P. 70-76

Examiner	Date Considered
	About to the conformation with MDED 600. Draw line through